

Docket No. 283556US0PCT



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jean-Francois STUMBE, et al.

SERIAL NO: 10/563,971

GAU:

FILED: January 6, 2006

**MAIL STOP PCT**

FOR: METHOD FOR PRODUCING HYPERBRANCHED POLYMERS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 283556US0PCT		SERIAL NO. 10/563,971		
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Jean-Francois STUMBE, et al.				
				FILING DATE January 6, 2006		GROUP		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	5 561 214	10/01/96	YESKE et al.				
	AB	4 507 466	03/26/85	TOMALIA et al.				
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
	AN							
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	AO	96 02588	02/01/96	WO			NO	
	AP	02 36697	05/10/02	WO (with English abstract & equivalent of US 2004/0024087)			NO	
	AQ	96 19537	06/27/96	WO			NO	
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
	AR	"Hyperverzweigte Polymere: von baumartigen Makromolekuelen zu Funktionsmaterialien", Nachrichten aus der Chemie, vol. 50 2002						
	AS	MALMSTROEM et al. "Hyperbranched Polymers: A Review", J.M.S. -Rev. Macromol. Chem. Phys., C37(3), pages 555-579 1997						
	AT	LU et al. "Synthesis and Characterization of Hyperbranched Poly(Amine-Ester)", Acta Polymerica Sinica, vol. 4, pages 411-414, with English abstract 2000						
	AU	KOU et al. "Study of Photopolymerization Characteristics of Hyperbranched Methacrylated Poly(Amine-Ester)S", Acta Polymerica Sinica, vol. 5, pages 554-558, with English abstract 2000						
	AV	WEI et al. "Photopolymerizable Hyperbranched (Meth)acrylated Poly(amine ester)", Journal of Applied Polymer Science, vol. 87, pages 168-173 2003						
	AW	FABER. "Immobilization", Biotransformations in Organic Chemistry, A Textbook, 3 <sup>rd</sup> ed., pages 345-356 1997						
	AX	BUBACK et al. "Entwicklung eines kontinuierlich betriebenen Hochdruck-Hochtemperatur-Ruehrkessels mit Licht-Einkopplung", Chem.-Ing.-Tech, vol. 66, no. 4, pages 510-513 1994				<input type="checkbox"/> Additional References sheet(s) attached		
Examiner					Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

U.S. PCT Application Serial No: 10/563,971

Filed: January 6, 2006

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## STATEMENT OF RELEVANCY

References AA, AO have been cited in the International Search Report. A copy of these references is being submitted herewith.

- 2) References            have been cited in the corresponding            Search Report. A copy of these references is being submitted herewith.
- 3) References AB, AP-AX are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References            are additional prior art known to Applicant. A copy of these references is being submitted herewith.